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PTO/SB/05 (4/98)  
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> (Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))	Attorney Docket No.	3419-011158
	First Inventor or Application Identifier	RYAN, William R.
	Title	RECUPERATOR FOR USE WITH TURBINE/TURBO- ALTERNATOR
	Express Mail Label No.	EL763581615US

<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.	<b>ADDRESS TO:</b> Commissioner For Patents Box Patent Application Washington, DC 20231
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<p>1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 19] (preferred arrangement set forth below)</p> <ul style="list-style-type: none"><li>- Descriptive title of the Invention</li><li>- Cross References to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to Microfiche Appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 11]</p> <p>4. Oath or Declaration [Total Pages 2]</p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input checked="" type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 16 completed)</p> <p>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).</p>	<p>5. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Copy</p> <p>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</p> <p>c. <input type="checkbox"/> Statement verifying identity of above copies</p> <p><b>ACCOMPANYING APPLICATION PARTS</b></p> <p>7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>8. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney</p> <p>9. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>11. <input checked="" type="checkbox"/> Preliminary Amendment</p> <p>12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>13. <input type="checkbox"/> *Small Entity <input type="checkbox"/> Statement filed in prior application, Status still proper and desired (PTO/SB/09-12)</p> <p>14. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>15. <input type="checkbox"/> Other: _____</p>
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**\*NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).**

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09/571,195

Prior application information: Examiner Charles G. Greay Group / Art Unit: 3746

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**

☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or ☒ Correspondence address below

Name	Paul M. Reznick				
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Name (Print/Type)	Paul M. Reznick	Registration No. (Attorney/Agent)	33,059
Signature	<i>Paul M. Reznick</i>	Date	8/22/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

**PATENT APPLICATION TRANSMITTAL LETTER**

Commissioner for Patents  
Washington, D.C. 20231

Transmitted herewith for filing is the patent application of: \_\_\_\_\_

WILLIAM R. RYAN

Entitled: RECUPERATOR FOR USE WITH TURBINE/TURBO-ALTERNATOR

Small Entity Status:

\_\_\_\_ Small Entity Statement under 37 CFR 1.27 is enclosed  
\_\_\_\_ Small Entity Status is asserted for this application under 37 CFR 1.27

Enclosed are: X 11 sheets of drawings  
X An Assignment of the invention to: Elliott Energy Systems, Inc.  
X Declaration  
\_\_\_\_ Non-Publication Request Under 37 C.F.R. §1.213

**CLAIMS AS FILED**

	<u>No. Filed</u>	<u>No. Extra</u>	<u>Small Entity Rate</u>	<u>Non-Small Entity Rate</u>	<u>Charge</u>
Total					
Claims	<u>10</u>	<u>-20 = 0</u>	x \$ 9.00	x \$ 18.00	\$ <u>0</u>
Indep.					
Claims	<u>3</u>	<u>-3 = 0</u>	x \$ 40.00	x \$ 80.00	\$ <u>0</u>
Multiple Dependent Claim/s			+ \$135.00	+ \$270.00	\$ <u>0</u>
Basic Fee			+ \$355.00	+ \$710.00	\$ <u>710.00</u>
			Total of above Charges		\$ <u>710.00</u>
			Total Fee		\$ <u>710.00</u>

A check in the amount of \$ 710.00 is enclosed to cover the filing fee.

The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR 1.16 or patent application processing fees under 37 CFR 1.17 associated with this communication to Deposit Account No. 23-0650. Please refund any overpayment to Deposit Account No. 23-0650.

An original and two copies of this sheet are enclosed.

Date 8/22/01

By Paul M. Reznick  
Paul M. Reznick  
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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

ATTORNEY'S DOCKET NUMBER

William R. RYAN

3419-011158

ENTITLED

**"RECUPERATOR FOR USE WITH TURBINE/TURBO-ALTERNATOR"**

To the **Application Branch**

Assistant Commissioner for Patents  
Washington, D.C. 20231

**EXPRESS MAIL CERTIFICATE**

"Express Mail" Label Number EL763581615US

Date of Deposit August 22, 2001


I hereby certify that the following attached papers:

**UTILITY PATENT APPLICATION TRANSMITTAL (1 pp.); FEE TRANSMITTAL FORM ( 1 p. in trip.); PRELIMINARY AMENDMENT (2 pp.); SPECIFICATION AND CLAIMS (31 pp.); DRAWINGS (11 sheets); COPY OF DECLARATION AND POWER OF ATTORNEY (2 pp.) COPY OF RECORDATION FORM COVER SHEET (2 pp. ); COPY OF ASSIGNMENT (1 p.); AND COPY OF NOTIFICATION OF FILING OF CONTINUING OR DIVISIONAL APPLICATION (1 p.)**

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Teresa K. Donehue

(Typed name of person mailing paper or fee)

  
(Signature of person mailing paper or fee)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: William R. RYAN

Serial No.: 09/571,195 Group Art Unit: 3746

Filing Date: May 16, 2000 Examiner: Charles G. Freay

Title: "Recuperator for Use With Turbine/Turbo-Alternator"

Commissioner for Patents  
Washington, D.C. 20231

Pittsburgh, Pennsylvania  
August 22, 2001

**NOTIFICATION OF FILING OF CONTINUING OR DIVISIONAL APPLICATION**

Notification is hereby being made of the filing of a:

☐ Continuation

☒ Divisional

application for this case

☒ Concurrently herewith

☐ on \_\_\_\_\_  
(date)

Respectfully submitted,

WEBB ZIESENHEIM LOGSDON  
ORKIN & HANSON, P.C.

By

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231 on August 22, 2001.

Paul M. Reznick, Registration No. 33,059  
(Name of Registered Representative)

Paul M. Reznick  
Signature

8/22/2001  
Date

**COPY**